

FIG. 1

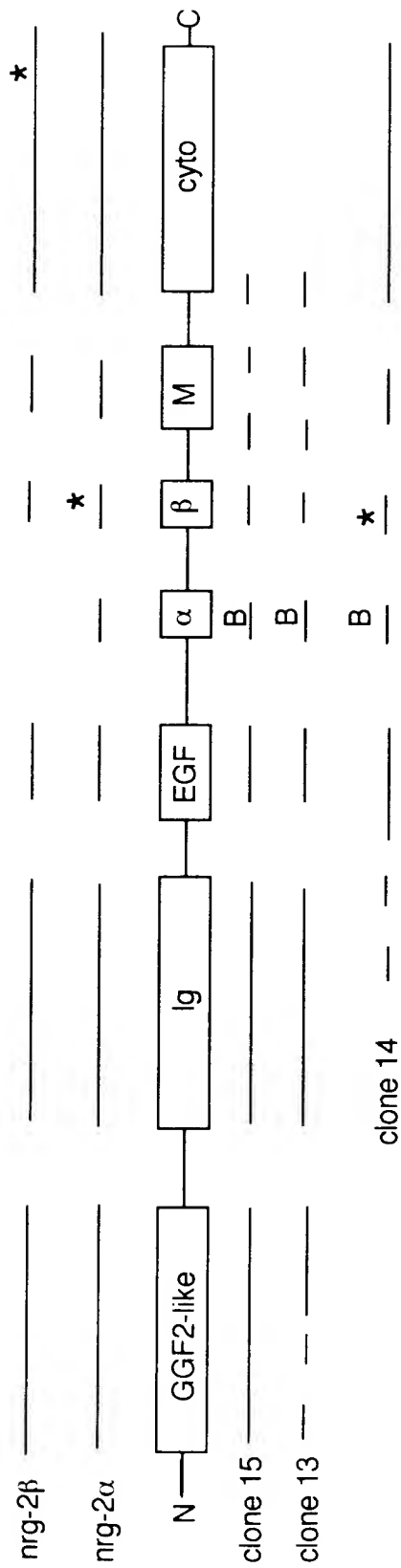


FIG. 2

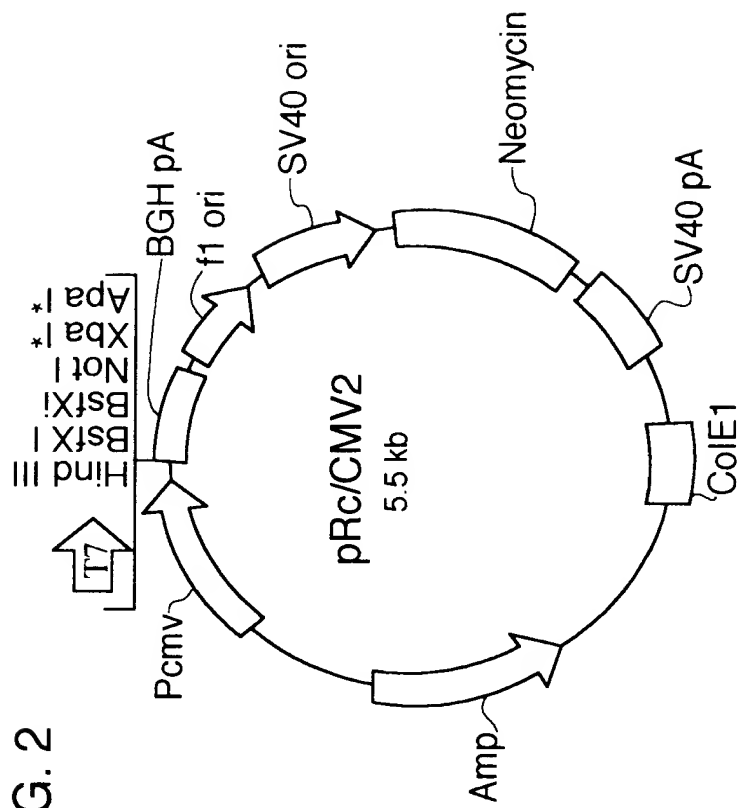


FIG. 3C

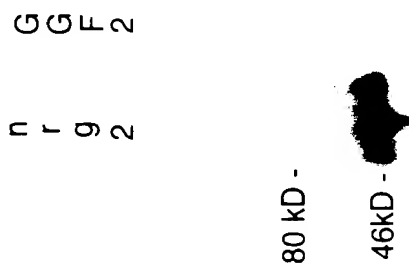


FIG. 3B

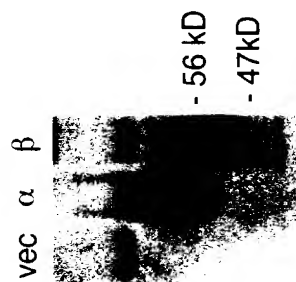


FIG. 3A



FIG. 4A

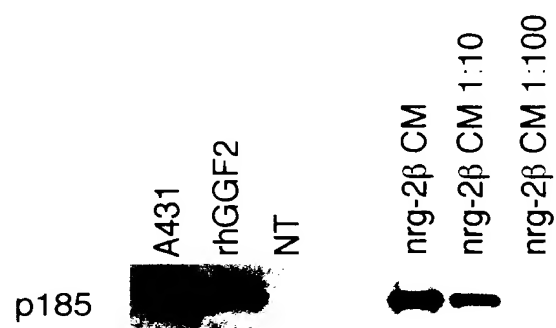


FIG. 4B

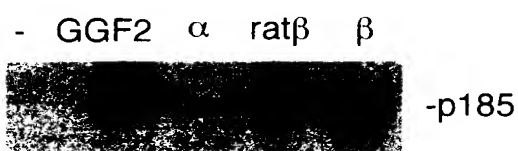


FIG. 5

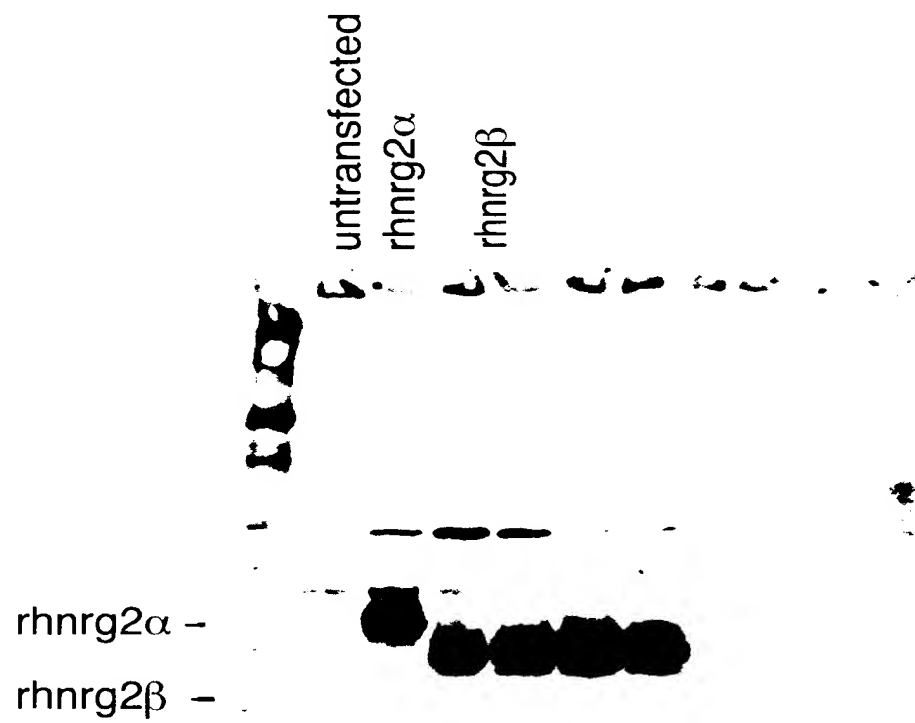


FIG. 6

ATGAGGCGCGACCCGGCCCCCGGCTTCTCCATGCTGCTCTTCGGTGTGTCGCTCGCC
TGCTACTCGCCCAGCCTCAAGTCAGTGCAGGACCAGGCGTACAAGGCACCCGTGGT
GGTGGAGGGCAAGGTACAGGGGCTGGTCCCAGCCGGCGGCTCCAGCTCCAACAGCA
CCCGAGAGCCGCCCGCCTCGGGTTCGGGTGGCGTTGGTAAAGGTGCTGGACAAGTGG
CCGCTCCGGAGCGGGGGGCTGCAGCGCGAGCAGGTGATCAGCGTGGGCTCCTGTGT
GCCGCTCGAAAGGAACCAGCGCTACATCTTTTTCCTGGAGCCCACGGAACAGCCCTT
AGTCTTTAAGACGGCCTTTGCCCCCCTCGATACCAACGGCAAAAATCTCAAGAAAGA
GGTGGGCAAGATCCTGTGCACTGACTGCGCCACCCGGCCCAAGTTGAAGAAGATGA
AGAGCCAGACGGGACAGGTGGGTGAGAAGCAATCGCTGAAGTGTGAGGCAGCAGC
CGGTAATCCCCAGCCTTCCTACCGTTGGTTCAAGGATGGCAAGGAGCTCAACCGCAG
CCGAGACATTCGCATCAAATATGGCAACGGCAGAAAGAACTCACGACTACAGTTCA
ACAAGGTGAAGGTGGAGGACGCTGGGGAGTATGTCTGCGAGGCCGAGAACATCCTG
GGGAAGGACACCGTCCGGGGCCGGCTTTACGTCAACAGCGTGAGCACCAACCTGTC
ATCCTGGTCGGGGCACGCCCCGGAAGTGCAACGAGACAGCCAAGTCCTATTGCGTCA
ATGGAGGCGTCTGCTACTACATCGAGGGCATCAACCAGCTCTCCTGCAAATGTCCAA
ATGGATTCTTCGGACAGAGATGTTTGGAGAAACTGCCTTTGCGATTGTACATGCCAG
ATCCTAAGCAAAGTGTCTGTGGGATACACCGGGGACAGGTGTCAGCAGTTCGCAA
TGGTCAACTTCTCCAAGCACCTTGGATTTGAATTAAA (SEQ ID NO: 1)

FIG. 7

MRRDPAPGFSMLLFGVSLACYSPSLKSVQDQAYKAPVVVEGKVQGLVPAGGSSSNSTR
EPPASGRVALVKVLDKWPLRSGGLQREQVISVGSCVPLERNQRYIFFLEPTEQPLVFKTA
FAPLDTNGKNLKKEVGKILCTDCATRPKLKKMKSQTGQVGEKQSLKCEAAAGNPQPSY
RWFKD GKELNRSRDIRIKYGNGRKNSRLQFNKVVEDAGEYVCEAENILGKDTVRGRL
YVNSVSTTLSSWSGHARKCNETAKSYCVNGGVCYYIEGINQLSCKCPNGFFGQRCLEKL
PLRLYMPDPKQSVLWDTPGTGVSSSQWSTSPSTLDLN (SEQ ID NO: 2)

FIG. 8

ATGAGGCGCGACCCGGCCCCCGGCTTCTCCATGCTGCTCTTCGGTGTGTGCTCGCTCGCC
TGCTACTCGCCCAGCCTCAAGTCAGTGCAGGACCAGGCGTACAAGGCACCCGTGGT
GGTGGAGGGCAAGGTACAGGGGGCTGGTCCCAGCCGGCGGCTCCAGCTCCAACAGCA
CCCGAGAGCCGCCCGCCTCGGGTCGGGTGGCGTTGGTAAAGGTGCTGGACAAGTGG
CCGCTCCGGAGCGGGGGGGCTGCAGCGCGAGCAGGTGATCAGCGTGGGCTCCTGTGT
GCCGCTCGAAAGGAACCAGCGCTACATCTTTTTCCTGGAGCCACGGAACAGCCCTT
AGTCTTTAAGACGGCCTTTGCCCCCCTCGATACCAACGGCAAAAATCTCAAGAAAG
AGGTGGGCAAGATCCTGTGCACTGACTGCGCCACCCGGCCCAAGTTGAAGAAGATG
AAGAGCCAGACGGGACAGGTGGGTGAGAAGCAATCGCTGAAGTGTGAGGCAGCAG
CCGTAATCCCCAGCCTTCCTACCGTTGGTTCAAGGATGGCAAGGAGCTCAACCGCA
GCCGAGACATTTCGCATCAAATATGGCAACGGCAGAAAGAACTCACGACTACAGTTC
AACAAGGTGAAGGTGGAGGACGCTGGGGAGTATGTCTGCGAGGCCGAGAACATCCT
GGGGAAGGACACCGTCCGGGGCCGGCTTTACGTCAACAGCGTGAGCACCAACCCTGT
CATCCTGGTCGGGGCACGCCCCGGAAGTGCAACGAGACAGCCAAGTCCTATTGCGTC
AATGGAGGCGTCTGCTACTACATCGAGGGCATCAACCAGCTCTCCTGCAAGTGTCT
GTGGGATACACCGGGGACAGGTGTCAGCAGTTCGCAATGGTCAACTTCTCCTAA
(SEQ ID NO: 3)

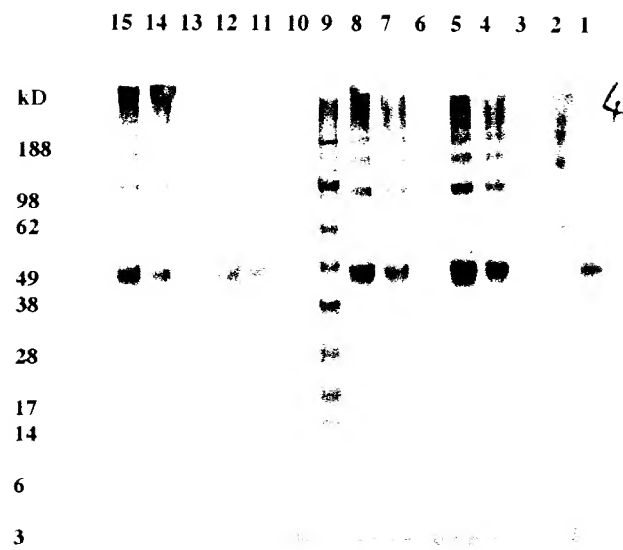
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FIG. 9

MRRDPAPGFSMLLFGVSLACYSPSLKSVQDQAYKAPVVVEGKVQGLVPAGGSSSNSTR
EPPASGRVALVKVLDKWPLRSGGLQREQVISVGSCVPLERNQRYIFFLEPTQPLVFKTA
FAPLDTNGKNLKKEVGKILCTDCATRPKLKKMKSQTGQVGEKQSLKCEAAAGNPQPSY
RWFKDGKELNRSRDIRIKYGNGRKN SRLQFNKVKVEDAGEYVCEAENILGKDTVGRGL
YVNSVSTTLSSWSGHARKCNETAKSYCVNGGVCYYIEGINQLSCKCPVGYTGDRCQQF
AMVNFS (SEQ ID NO: 4)

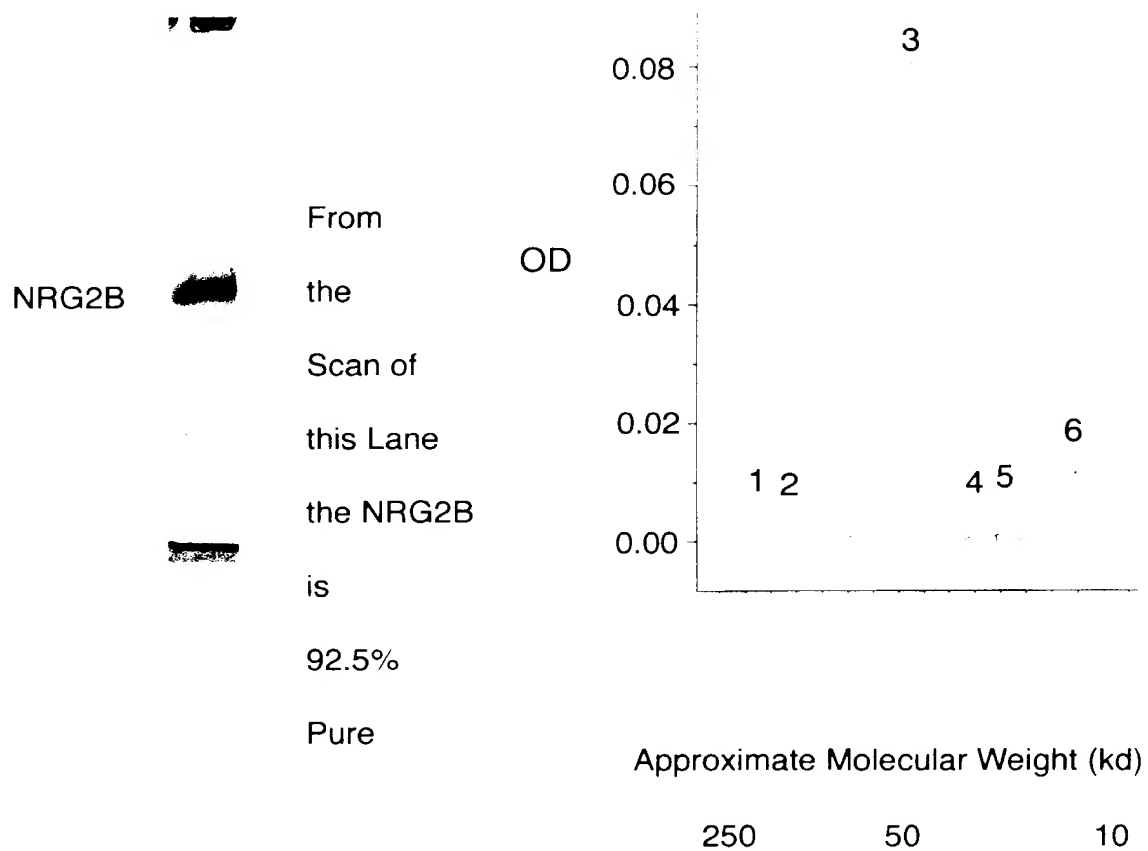
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FIG. 10



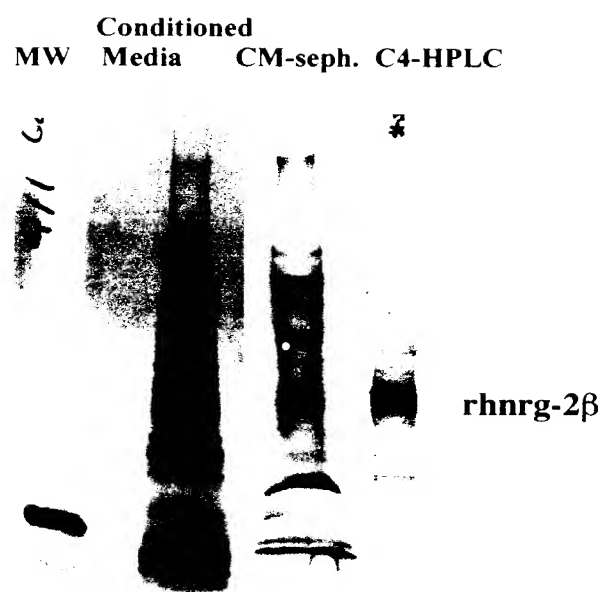
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FIG. 11



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FIG. 12



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FIG. 13

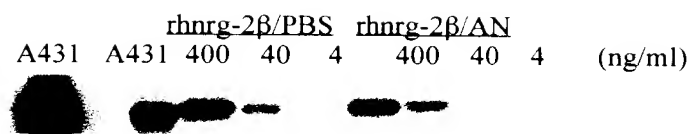


FIG. 14

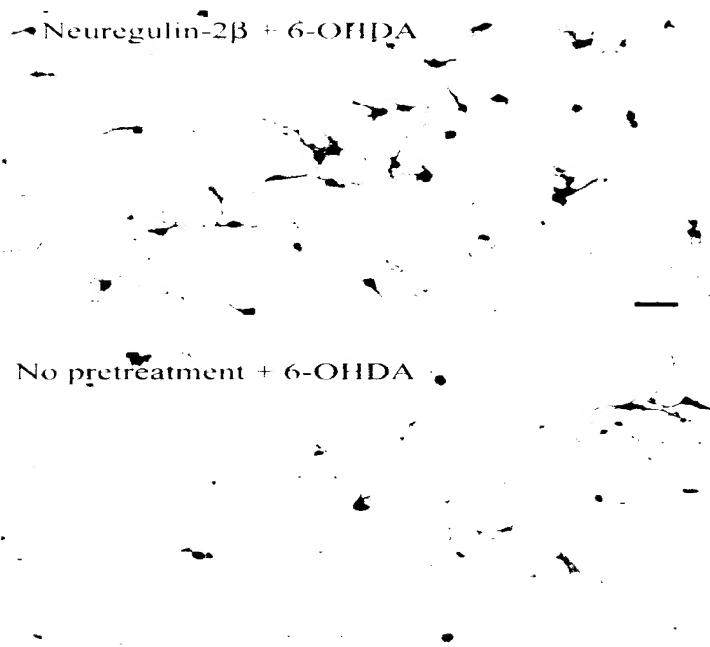


FIG. 15

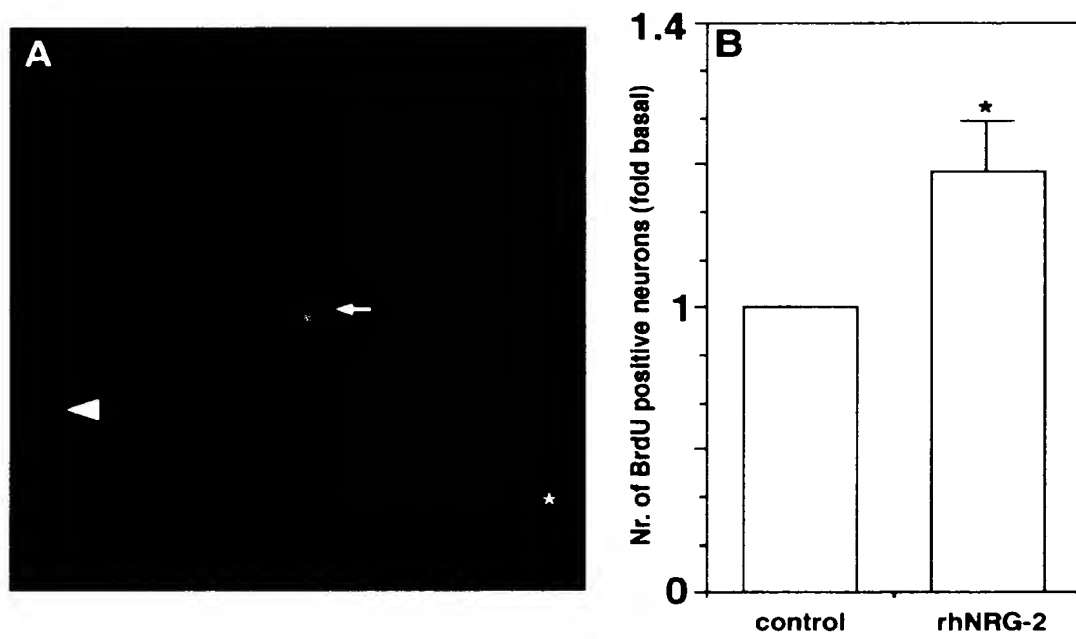


FIG. 16A



FIG. 16B

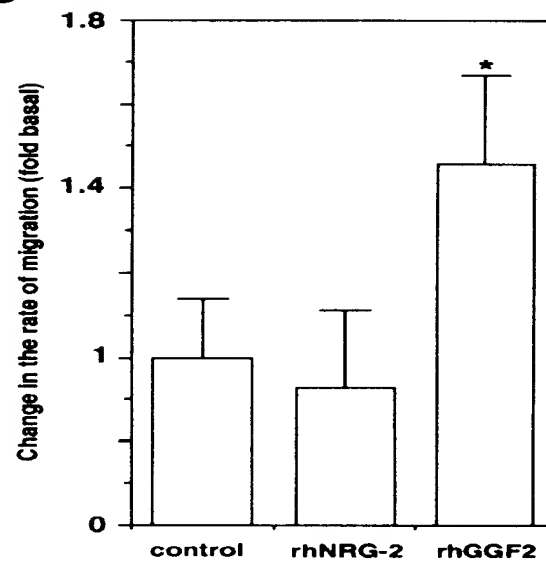


FIG. 17

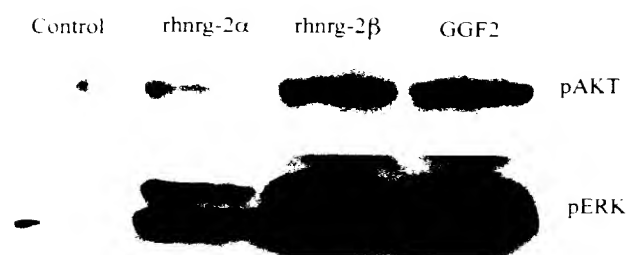


FIG. 18

